





PTO/SB/08B (10-01)  
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Substitute for form 1449B/PTO		<b>Complete If Known</b>	
		Application Number	10/708,618
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Filing Date	March 16, 2004
		First Named Inventor	Susumu Noda
		Group Art Unit	2874
		Examiner Name	(To be assigned)
		Attorney Docket Number	39,040
Sheet	2	of	2

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
JMB	01	A. Chutinan and S. Noda, "Waveguides and waveguide bends in two-dimensional photonic crystal slabs," Physical Review B, Vol. 62, No. 7, 2000, pp. 4488-4492.	
JMB	02	K. Srinivasan and O. Painter, "Momentum space design of high-Q photonic crystal optical cavities," OPTICS EXPRESS, Vol. 10, No. 15, 29 July 2002, pp. 670-684.	
JMB	03	S. Noda, et al., "Trapping and emission of photons by a single defect in a photonic bandgap structure," Nature, Vol. 407, 5 October 2000, pp. 608-610.	
JMB	04	O. Painter, et al., "Two-Dimensional Photonic Band-Gap Defect Mode Laser," SCIENCE, Vol. 284, 11 June 1999, pp. 1819-1821.	
JMB	05	J. Vuckovic, et al., "Design of photonic crystal microcavities for cavity QED," PHYSICAL REVIEW E, Vol. 65, pp. 016608-1 to 016608-11.	
JMB	06	O. Painter, et al., "Defect modes of a two-dimensional photonic crystal in an optically thin dielectric slab," J. Opt. Soc. Am. B, Vol. 16, No. 2, February 1999, pp. 275-285.	
JMB	07	Y. Akahane, et al., "Design of a channel drop filter by using a donor-type cavity with high-quality factor in a two-dimensional photonic crystal slab," Applied Physics Letters, Vol. 82, No. 9, pp. 1341-1343.	

Examiner Signature	<i>J Martin Ben</i>	Date Considered	03/28/05
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08A (10-01)

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<b>Substitute for form 1449A/PTO</b> <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/708,618		
		Filing Date	March 16, 2004		
		First Named Inventor	Susumu Noda		
		Art Unit	2874		
		Examiner Name	Ellen E. Kim		
Sheet	1	of	2	Attorney Docket Number	39,040

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
JMB	U1	US- 2002-0191905-A1	12-19-2002	Prather et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				

Examiner Signature	<i>A. Martin Blair</i>	Date Considered	3/28/05
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<sup>2</sup> Applicant's unique citation designation number (optional). <sup>3</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup> Applicant is to place a check mark here if English language translation is attached.

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JMB	01	Joon Huh, et al., "Nondegenerate monopole mode of single defect two-dimensional triangular photonic band-gap cavity," Journal Of Applied Physics, American Institute of Physics, Vol. 92, No. 2, July 15, 2002, pp. 654-659.	

Examiner Signature	<i>A. Martin Bell</i>	Date Considered	3/28/05
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